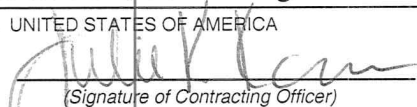


<b>AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE		PAGE OF PAGES 1   3	
2. AMENDMENT/MODIFICATION NO. 2		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO.	
5. PROJECT NO. (If applicable)		6. ISSUED BY CODE		7. ADMINISTERED BY (If other than Item 6) CODE	
NASA Lyndon B. Johnson Space Center Attn: Michael Duckworth, Mail Code BH3 2101 NASA Parkway Houston, Texas 77058					
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code) All Prospective Offerors					
CODE		FACILITY CODE			
(X)	9A. AMENDMENT OF SOLICITATION NO. NNJ08227400R		9B. DATED (SEE ITEM 11) 2/19/2008		
X	10A. MODIFICATION OF CONTRACT/ORDER NO.		10B. DATED (SEE ITEM 13)		
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>					
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is <input checked="" type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:					
(a) By completing Items 8 and 15, and <input type="checkbox"/> copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
12. ACCOUNTING AND APPROPRIATION DATA (If required)					
<b>13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)</b>					
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.					
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).					
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:					
d. OTHER (Specify type of modification and authority)					
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.					
14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)					
Please See Attachment B – Responses to Questions and Comments for the solicitation entitled Lithium Ion Cell Modules for Long Life Batteries for the Extravehicular Mobility Unit number NNJ08227400R					
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.					
15A. NAME AND TITLE OF SIGNER (Type or print)			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)		
			Julie K. Karr, Contracting Officer		
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA	
(Signature of person authorized to sign)				BY 	
				(Signature of Contracting Officer)	
				16C. DATE SIGNED 3/7/08	

**Attachment B – Responses to Questions and Comments for the solicitation entitled Lithium Ion Cell Modules for Long Life Batteries for the Extravehicular Mobility Unit number NNJ08227400R**

**Q1.** Where can I find the complete specifications of the battery?

**A1.** The specifications can be found in JSC 29928E; posted in amendment 1 to the solicitation.

**Q2.** What are total volts in a vehicle?

**A2.** The operating voltage for discharge is 16.0 to 20.5V.

**Q3.** Do you accept single cell of battery from 3.2 V to 3.7 V?

**A3.** No, the battery design must use one of two 18650 cell designs selected and provided by NASA. See website for the cell pre-acceptance test report.

**Q4.** What is the Ah you expect?

**A4.** The Government expects 26.6Ah.

**Q5.** What is the life you expect?

**A5.** The Government expects 5 years life span.

**Q6.** What is the application?

**A6.** The batteries will be used as the spacesuit power supply.

**Q7.** Do you have BMS (battery management system) to operate the battery?

**A7.** No, there is not a BMS.

**Q8.** Do you have particular brand or recipe of the battery?

**A8.** Yes, please see answer 3.

**Q9.** Any dimension limitation?

**A9.** Yes, please see Interface Definition Document, JSC 63739A; posted in amendment 1 to the solicitation.

**Q10.** Is it possible to submit questions after the cut-off date and still have a guarantee of response before the proposal deadline?

**A10.** The Government is not required to respond to questions after the question submit date.

**Q11.** Section B.2 requests a single total firm fixed price for the basic order; however, section B.3 has 3 tables for the basic and optional programs broken down a high level of price detail with the statement “to be filled out by offeror”. Please clarify whether meeting the requirement in B.2 is sufficient or if the information to fill the tables in B.3 is required.

**A11.** The Government requires that the information in both Section B.2 and B.3 be filled in by the vendor.

**Q12.** Clarification is requested on the exercising of Options 1 and 2 in section F.6. Does “The contracting officer may exercise this option by issuance of a unilateral contract modification 30 days or more before the end of the period of performance...” mean that Options 1 and 2 would definitely not be exercised any later than 30 days prior to the end of the basic contract, that is, 8 months after KO?

**A12.** The clause in F.6 states that, “the Contracting Officer may exercise this option by issuance of a unilateral contract modification 30 days or more before the end of the period of performance.” This is to be read such that the Government may exercise Option 1 by a unilateral modification no later than 30 days prior to the end of the basic period, and the Government may exercise Option 2 by a unilateral modification no later than 30 days prior to the end of the Option 1 period. This is in conflict with the Statement of Work that states that Option 2 may be exercised up to 7 months after the Critical Design Review (CDR) which is expected at the end of the seventh month of a twelve month period of performance. In order to correct this conflict, the period of performance for Option 1 has been extended to 15 months. The milestones for Option 1 have not been revised. (Please use the attached change page, “Change Pages – Revision to Section F.”)

It should be noted that the options may be exercised by a bilateral modification within the final 30 days of the period of performance.

**Q13.** The 15 page limit on the technical section is challenging given the significant amount of information required. Could the page limit be extended and clarifications made for what is excluded from the total page count?

**A13.** The page limit for responses to this solicitation has been extended in amendment 1. Exclusions from the page limit include the following:

- Resumes
- Configuration Plan
- Quality Plan
- Baseline project plan and schedule

In addition, the following amendments are made to the solicitation:

1. **FAR Clause 52.243-7, "Notification of Changes,"** is incorporated by reference in section I of the solicitation (please use the attached change page, "Changes Pages – Inclusion of 52.243-7").
2. The language in Section M, M.3, Paragraph 3 where it states, "all offerors will be judged against the qualitative characteristics" should read, "all **technically acceptable** offerors will be judged against the qualitative characteristics" (please use the attached change page, "Changes Pages – Revision to Section M").